KINGSTRONG

CONTINUOUS CASTING & ROLLING

COPPER, ALUMINIUM AND ALUMINIUM-ALLOY ROD LINES

Application

Production of copper, aluminium and aluminium-alloy rod for wire drawing and cable conductors.
Material-specific lines convert molten metal into continuously cast, hot-rolled and coiled rod.

Key Features

Continuous casting, hot rolling, cooling and coiling in an integrated production route.
Aluminium alloy configuration with two-roll stands and individual AC motor drives.
Copper lines for cathode copper or suitable scrap, with the corresponding furnace selection.
Furnaces and auxiliary systems selected to suit the material and production target.

Technical Parameters	Aluminium / Alloy Rod	Copper Rod Standard Output	Copper Rod High Output
Production capacity (t/h)	6-7.5	12-15	20-23
Standard rod diameters (mm)	9.5 / 12 / 15	8	8
Product grades / type	1350 / 1370 8030 / 8176 6201 / 6101	Low-oxygen copper rod	Low-oxygen copper rod
Rolling mill arrangement	Two-roll stands Individual AC drives	Two-roll mill	Two-roll roughing and finishing mills
Furnace selection	Melting + holding with melt treatment	Shaft + holding (cathode) Reverberatory (scrap)	Shaft + holding (cathode) Reverberatory (scrap)



